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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

Complete if Known

Application Number	10727,775
Filing Date	December 3, 2003
First Named Inventor	Jonathan D. Klein
Art Unit	2182
Examiner Name	Christopher B. Shin
Attorney Docket Number	OI7034312001

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher city and/or country where published	T ²
CS	1	ACHARYA, A. et al., "Tuning the Performance of I/O-Intensive Parallel Applications", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1996, pp. 15 - 27, USA.	
CS	2	BAGRODIA, R. et al., "Parallel Simulation of Parallel File Systems and I/O Programs", <i>Proceedings of the 1997 ACM/IEEE Conference on Supercomputing (CDROM)</i> , ACM Press, 1997, pp. 1 - 16.	
CS	3	BORDAWEKAR, R. et al., "A Model and Compilation Strategy for Out-of-Core Data Parallel Programs", <i>ACM SIGPLAN Notices, Proceedings of the 5th ACM SIGPLAN Symposium on Principles and Practice of Parallel Programming PPOPP</i> , 1995, Volume 30, Issue 8, pp. 1 - 10.	
CS	4	BORDAWEKAR, R. et al., "Automatic Optimization of Communication in Compiling Out-of-core Stencil Codes", <i>Proceedings of the 10th International Conference on Supercomputing</i> , ACM Press, 1996, pp. 366 - 373, USA.	
CS	5	BORDAWEKAR, R. et al., "Communication Strategies for Out-of-Core Programs on Distributed Memory Machines", <i>Proceedings of the 9th International Conference on Supercomputing</i> , ACM Press, 1995, pp. 395 - 403, Spain.	
CS	6	BORDAWEKAR, R. et al., "Design and Evaluation of Primitives for Parallel I/O", <i>Proceedings of the 1993 ACM/IEEE Conference on Supercomputing</i> , ACM Press, 1993, pp. 452 - 461.	
CS	7	BORDAWEKAR, R., "Implementation of Collective I/O in the Intel Paragon Parallel File System: Initial Experiences", <i>Proceedings of the 11th International Conference on Supercomputing</i> , ACM Press, 1997, pp. 20 - 27, Austria.	
CS	8	CHEN, Y. et al., "Optimizing Collective I/O Performance on Parallel Computers: A Multisystem Study", <i>Proceedings of the 11th International Conference on Supercomputing, ACM Press and IEEE Computer Society</i> , 1997, pp. 28 - 35, Austria.	
CS	9	CHEN, Y., et al., "Automatic Parallel I/O Performance Optimization in Panda", <i>Proceedings of the 10th Annual ACM Symposium on Parallel Algorithms and Architectures</i> , ACM, 1998, pp. 108 - 118, Mexico.	
CS	10	CORBETT, P., et al., "The Vesta Parallel File System", <i>ACM Transactions on Computer Systems</i> , ACM Press, Vol. 14, no. 3, pp. 225 - 264.	
CS	11	CORTES, T., et al., "Design Issues of a Cooperative Cache with No Coherence Problems", <i>Proceedings of the 5th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1997, pp. 37 - 46.	
CS	12	DEL ROSARIO, J. et al., "Improved Parallel I/O via a Two-phase Run-Time Access Strategy", <i>ACM SIGARCH Computer Architecture News</i> , 1993, Vol. 21 No. 5, pp. 31 - 38.	
CS	13	DICKENS, P., "An Evaluation of Java's I/O Capabilities for High-Performance Computing", <i>Proceedings of the ACM 2000 Conference on Java Grande</i> , ACM, 2000, pp. 26 - 35, USA.	
CS	14	FERREIRA, R. et al., "Compiling Object-Oriented Data Intensive Applications", <i>Proceedings of the 14th International Conference on Supercomputing</i> , ACM Press, 2000, pp. 11 - 21, USA.	
CS	15	GIBSON et al., "Strategic Directions in Storage I/O Issue in Large-Scale Computing", <i>ACM Computing Surveys (CSUR)</i> , ACM Press, 1996, Vol. 28 No. 4, pp. 779 - 793.	
CS	16	GROSS, T. et al., "Architecture Implications of High-Speed I/O for Distributed-Memory Computers", <i>Proceedings of the 8th International Conference on Supercomputing</i> , ACM Press, 1994, pp. 176 - 185, U.K.	
CS	17	HARRY, M. et al., "The Design of VIP-FS: A Virtual, Parallel File System for High Performance Parallel and Distributed Computing", <i>ACM SIGOPS Operating Systems Review</i> , ACM Press, 1995, Vol. 29 No. 3, pp. 35 - 48.	

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STATEMENT BY APPLICANT**

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Sheet

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First Named Inventor	Jonathan D. Klein
Art Unit	2182
Examiner Name	Christopher B. Shin
Attorney Docket Number	OI7034312001

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CS	1	KOTZ, D. et al., "Dynamic File-Access Characteristics of a Production Parallel Scientific Workload", <i>Proceedings of the 1994 ACM/IEEE Conference on Supercomputing</i> , ACM Press, 1994, pp. 640 - 649.	
CS	2	KOTZ, D. et al., "Flexibility and Performance of Parallel File Systems", <i>SIGOPS Operating Systems Review</i> , ACM Press, 1994, Volume 30 Issue 2, pp 63 - 73.	
CS	3	KOTZ, D., "Disk-Directed I/O for MIMD Multiprocessors", <i>ACM Transactions on Computer Systems (TOCS)</i> , ACM Press, Vol.15, No. 1, February 1997, pp. 41 - 74, USA.	
CS	4	KRIEGER, O. et al., "A Performance-Oriented Flexible File System based on Building-Block Compositions", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1996, pp. 95 - 108, USA.	
CS	5	KRIEGER, O. et al., "HFS: A Performance-Oriented Flexible File System Based on Building-Block Compositions", <i>ACM Transactions on Computer Systems (TOCS)</i> , ACM Press, Vol. 15 No. 3, ACM, 1997, pp. 286-321.	
CS	6	KURC, T. et al., "Querying Very Large Multi-Dimensional Datasets in ADR", <i>Proceedings of the 1999 ACM/IEEE Conference on Supercomputing</i> , ACM Press, 1999, pp. 1 - 15, USA.	
CS	7	LEE, J. et al., "Active Buffering Plus Compressed Migration: An Integrated Solution to Parallel Simulations' Data Transport Needs", <i>Proceedings of the 16th International Conference on Supercomputing</i> , ACM Press, 2002, pp. 156 - 166, New York, New York, USA.	
CS	8	MACHE, J. et al., "The Impact of Spatial Layout of Jobs of Parallel I/O Performance", <i>Proceedings of the 6th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1999, pp. 45 - 56, USA.	
CS	9	MADHYASTHA, T. et al., "Informed Prefetching of Collective Input/Output Requests", <i>Proceedings of the 1999 ACM/IEEE Conference on Supercomputing</i> , ACM Press, 1999, pp. 1 - 16, USA.	
CS	10	MOORE, J.A. et al., "Efficient Data-Parallel Files via Automatic Mode Detection", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1996, pp. 1 - 14, USA.	
CS	11	NIEUWEJAAR, N. et al., "Performance of the Galley Parallel File System", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems: Part of the Federated Computing Research Conference</i> , ACM Press, 1996, pp. 83 - 94, USA.	
CS	12	NO, J. et al., "Integrating Parallel File I/O and Database Support for High-Performance Scientific Data Management", <i>Proceedings of the 2000 ACM/IEEE Conference on Supercomputing (CDROM)</i> , IEEE Computer Society, pp. 1 - 13, USA.	
CS	13	PARK, Y. et al., "Virtual Memory Versus File Interfaces for Large, Memory-Intensive Scientific Applications", <i>Proceedings of the 1996 ACM/IEEE Conference on Supercomputing (CDROM)- Volume 00 Supercomputing '96</i> , ACM Press, IEEE Computer Society, 1996, pp. 1 - 20.	
CS	14	PURAKAYASTHA, A. et al., "ENWRICH: A Compute-Processor Write Caching Scheme for Parallel File Systems", <i>Proceedings of the 4th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1996, pp. 55 - 68.	
CS	15	SHEN, X. et al., "A Novel Application Development Environment for Large-Scale Scientific Computations", <i>Proceedings of the 14th International Conference on Supercomputing</i> , ACM Press, 2000, pp. 274 - 283, USA.	
CS	16	SHUF, Y. et al., "Characterizing the Memory Behavior of JAVA Workloads: A Structured View and Opportunities for Optimization", <i>Proceedings of the 2001 ACM SIGMETRICS International Conference on Measurement and Modeling of Computer Systems SIGMETRICS '01</i> , ACM Press, 2001, Vol. 29 No. 1, pp. 194 - 205.	

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CS	1	STEENKISTE, P. et al., "Architecture and Evaluation of a High-Speed Networking Subsystem for Distribution-Memory Systems"; ACM SIGARCH Computer Architecture News, <i>Proceedings of the 21st Annual International Symposium on Computer Architecture ISCA '94</i> , IEEE Computer Society Press, ACM Press, 1994, Vol. 22 No. 2, pp 154 - 163.	
CS	2	STURTEVANT, J. et al., "PDS/PIO: Lightweight Libraries for Collective Parallel I/O", <i>Proceedings of the 1998 ACM/IEEE Conference on Supercomputing (CDROM)</i> , IEEE Computer Society, 1998, pp. 1 - 13.	
CS	3	THAKUR, R. et al., "A Case for Using MPI's Derived Datatypes to Improve I/O Performance", <i>Proceedings of the 1998 ACM/IEEE Conference on Supercomputing(CDROM)</i> , IEEE Computer Society, 1998, pp. 1 - 14.	
CS	4	THAKUR, R. et al., "Compilation of Out-of-Core Data Parallel Programs for Distributed Memory Machines", <i>ACM SIGARCH Computer Architecture News</i> , ACM Press, Vol. 22 Issue 4, 1994, pp. 23 - 28.	
CS	5	THAKUR, R. et al., "On Implementing MPI-IO Portably and with High Performance", <i>Proceedings of the 6th Workshop of I/O in Parallel and Distributed Systems</i> , ACM Press, 1999, pp. 23 - 32, USA.	
CS	6	THAKUR, R., et al., "Compiler and Runtime Support for Out-of-Core HPF Programs", <i>Proceedings of the 8th International Conference on Supercomputing</i> , 1994, ACM Press, pp. 382 - 391.	
CS	7	VITTER, J., "External Memory Algorithms and Data Structures: Dealing with Massive Data; <i>ACM Computing Surveys (CSUR)</i> , Vol. 33 No. 2, pp. 209 - 271, 2001.	
CS	8	WANG, Y. et al., "Profile-Guided I/O Partitioning", <i>Proceedings of the 17th Annual International Conference on Supercomputing</i> , ACM, 2003, pp. 252 - 260, USA.	
CS	9	WU, J. et al., "Placement of I/O Servers to Improve Parallel I/O Performances on Switch-Based Clusters", <i>Proceedings of the 17th Annual International Conference on Supercomputing</i> , ACM Press, 2003, pp. 244 - 251, USA.	
CS	10	ZHOU, Y. et al., "Thread Scheduling for Out-of-Core Applications With Memory Server on Multicomputers", <i>Proceedings of the 6th Workshop on I/O in Parallel and Distributed Systems</i> , ACM Press, 1999, pp. 57 - 67, USA.	
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